ENGLISH

User´s Manual

EUROLIVE® SERIES

F1220
F1520
B1220
B1520
B1800

SAFETY PRECAUTIONS

Caution! EUROLIVE speakers are not designed to be suspended!

Suspension of your speakers will always be at your own risk!

Check the condition of the plastic corners:

damaged plastic corners must be replaced

Positioning of the speakers:

Make sure your EUROLIVE speakers are set up properly:

Safe stacking:

Prior to operation:

Storage:

Observe safety precautions:

Observe operating instructions:

Penetration of objects and/or liquids into the speaker cabinet:

Damages and repairs:

Maintenance:

Foreword

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

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[redacted]

[redacted]

EUROLIVE®

Professional Loudspeaker System

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1. INTRODUCTION

1.1 Before you begin

If the unit is damaged, please do not return it to BEHRINGER, but notify your dealer and the shipping company immediately, otherwise claims for damage or replacement may not be granted. Shipping claims must be made by the consignee.

1.2 Connection

Make sure to mute your amplifier before you connect the speaker.

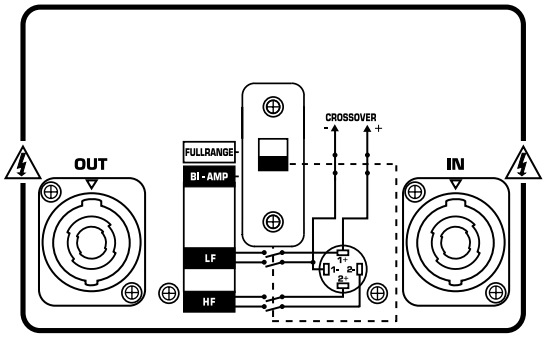

Fig. 1.1: Interface panel of multi-way system

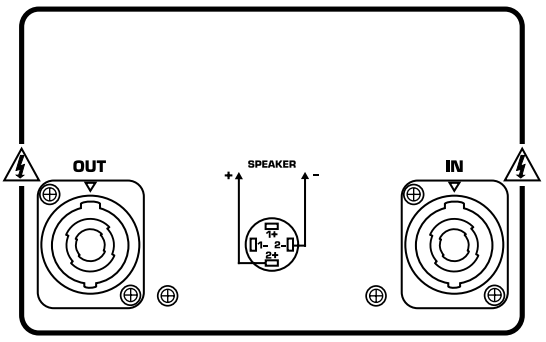

Fig. 1.2: Interface panel of subwoofer

2. OPTIMUM PERFORMANCE

2.1 Tweeter

2.2 How to avoid feedback

2.3 How to avoid feedback when using turntables (DJ Applications)

2.4 Speaker protection through low-cut filter

3. OPERATING MODES

☞ **Never change the operating mode, while an audio signal is active on the EUROLIVE.**

3.1 FULL RANGE operation

3.2 BI-AMPING operation

3.2.1 Advantages

3.2.2 Selecting the crossover frequency

3.3 Looping through subwoofer signals

4. PIN ASSIGNMENTS

		Full Range Mode	Bi-Amping Mode
Multi-way systems	PINS 1-/1+	Full Range Input	Subwoofer Input
	PINS 2-/2+	N/C	Tweeter Input
Subwoofer	PINS 1-/1+	Loop through	-
	PINS 2-/2+	Subwoofer Input	-

Tab. 4.1: PIN assignments

4.1 FULL RANGE Operation

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4.2 BI-AMPING Operation

▲ [illegible]

▲ [illegible]

4.3 Subwoofer

▲ [illegible]

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5. WHAT ELSE SHOULD BE CONSIDERED?

5.1 Length and cross-section of speaker cables

[illegible]

5.2 Power amp performance

[illegible]

5.3 Fuses

[illegible]

5.3.1 How to protect your system

▲ [illegible]

▲ [illegible]

▲ [illegible]

☞ **Our crossover network BEHRINGER SUPER-X PRO CX3400 can well be used to protect your system, as it features independent limiters on each individual output.**

6. SPECIFICATIONS

SYSTEM SPECIFICATIONS	F1220/B1220	F1520/B1520	B1800
Type	F1220: 2-way floor monitor (12" + 1"); B1220: 2-way full range speaker (12" + 1")	F1520: 2-way floor monitor (15" + 1"); B1520: 2-way full range speaker (15" + 1")	Subwoofer (18")
Frequency response	50 Hz - 18 kHz (-10 dB)	50 Hz - 18 kHz (-10 dB)	42 Hz - 250 Hz (-6 dB)
Power rating (RMS)	200 Watts	200 Watts	400 Watts
Power rating[1] (pink noise)	400 Watts	400 Watts	600 Watts
Impedance	8 Ohms	8 Ohms	8 Ohms
Sound pressure level[2] (1 W @ 1 m)	95 dB (Full Space)	95 dB (Full Space)	98 dB
Dispersion	90° x 40°	90° x 40° (F1520); 100° x 40° (B1520)	-
Crossover frequency	2,5 kHz	1,8 kHz	-

COMPONENTS			
Tweeter	44P60A8	44P60A8	-
Woofer	12P200A8	15P200A8	18P400A8

PHYSICAL			
(W * H * D)	F1220: approx. 15.7" * 22.6" * 15.5" (398 mm * 574 mm * 393 mm)	F1520: approx. 18.1" * 25.8" * 16.4" (458 mm * 655 mm * 416 mm)	approx. 23.4" * 27.6" * 20.9" (595 mm * 700 mm * 530 mm)
	B1220: approx. 17.3" * 25.2" * 15.7" (438 mm * 638 mm * 399 mm)	B1520: approx. 20.9" * 28.0" * 16.3" (529 mm * 711 mm * 414 mm)	
Weight	F1220: approx. 21 kg	F1520: approx. 23,10 kg	approx. 35,50 kg
	B1220: approx. 23,25 kg	B1520: approx. 29,75 kg	
Mounting angle F SERIES	30° / 60°	30° / 60°	-

BI-AMPING MODE			
Recommended crossover frequency (external crossover network)[3]	1,8 kHz - 3,5 kHz	1,2 kHz - 2,2 kHz	80 Hz - 150 Hz
Power rating/Impedance Woofer	200 Watts RMS/8 Ohms	200 Watts RMS/8 Ohms	-
Power rating/Impedance Tweeter	60 Watts RMS/8 Ohms (>2,2 kHz/12dB/oct)	60 Watts RMS/8 Ohms (>2,2 kHz/12dB/oct)	-

[1] Average value over bandwidth of 50 Hz - 5 kHz (Multi-way systems) and 40 Hz - 250 Hz (subwoofer) according to IEC 268-5.

[2] Average value over bandwidth of 100 Hz - 2 kHz (Multi-way systems) and 100 Hz - 250 Hz (subwoofer) according to IEC 268-5.

[3] Slope: 12 - 24 dB.

7. WARRANTY

§ 1 WARRANTY CARD/ONLINE REGISTRATION

§ 2 WARRANTY

§ 3 RETURN AUTHORIZATION NUMBER

BEFORE

§ 4 WARRANTY REGULATIONS

§ 5 WARRANTY TRANSFERABILITY

§ 6 CLAIM FOR DAMAGES

§ 7 OTHER WARRANTY RIGHTS AND NATIONAL LAW